

Figure 1a

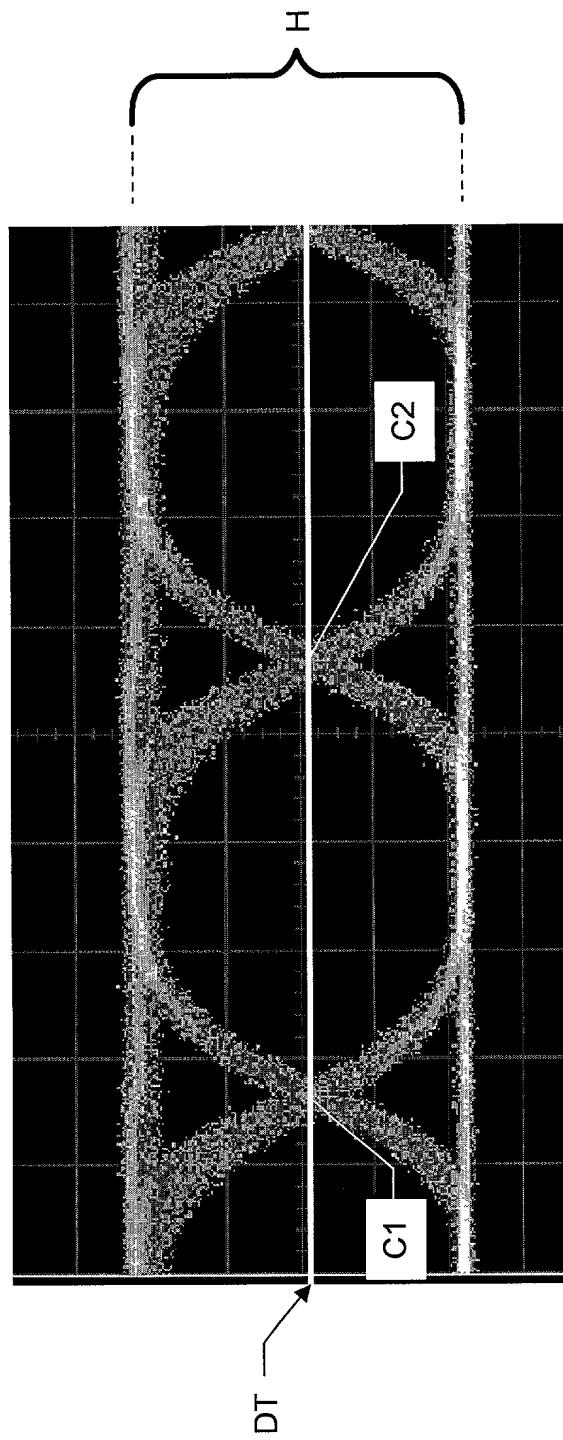


Figure 1a

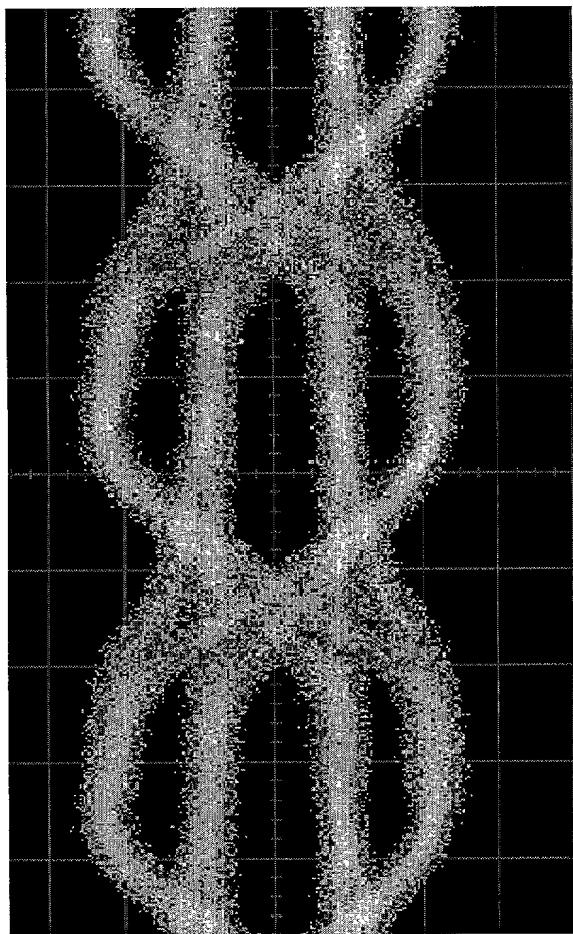


Figure 1b

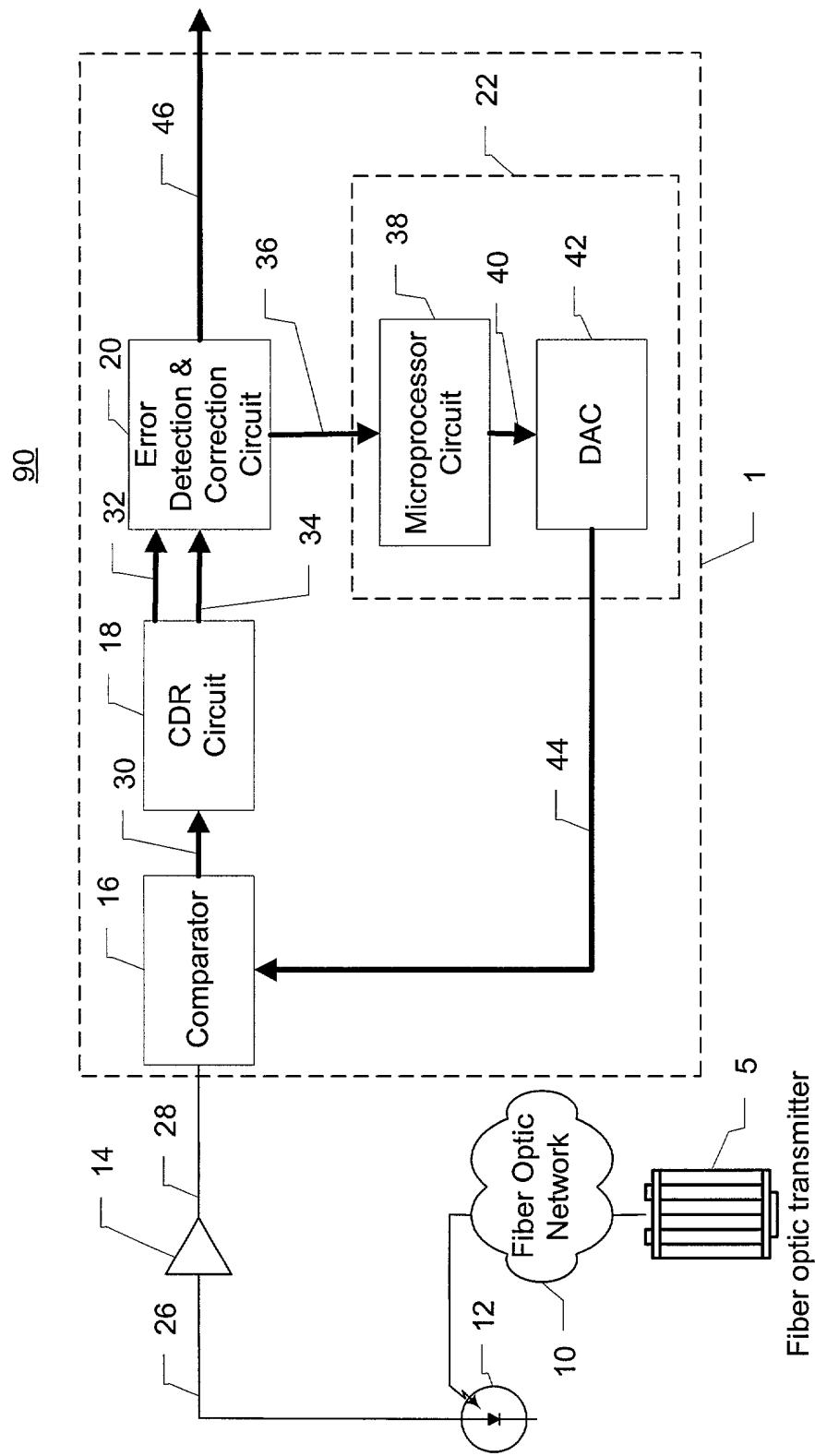


Figure 2

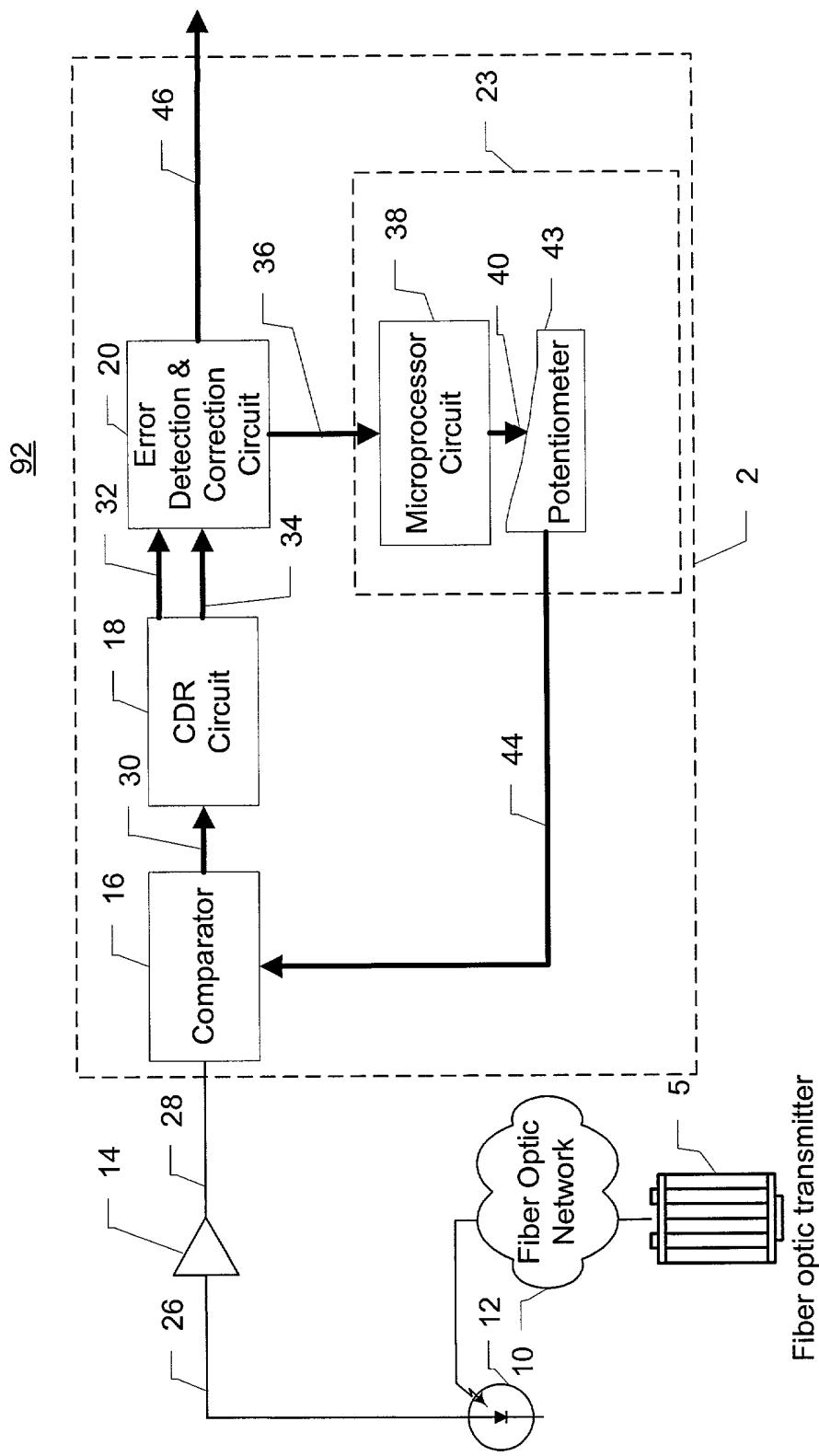
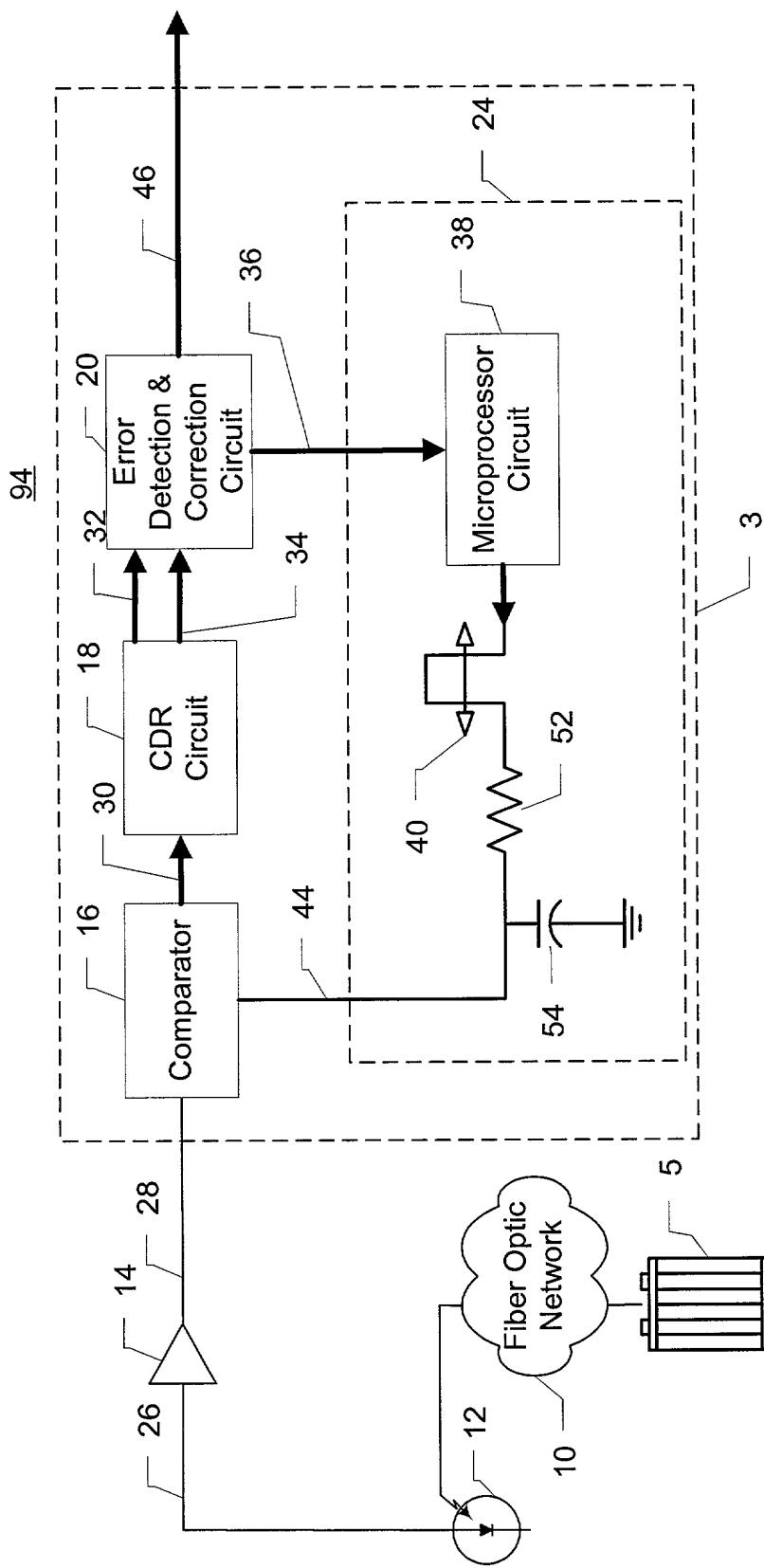


Figure 3

Figure 4

Fiber optic transmitter



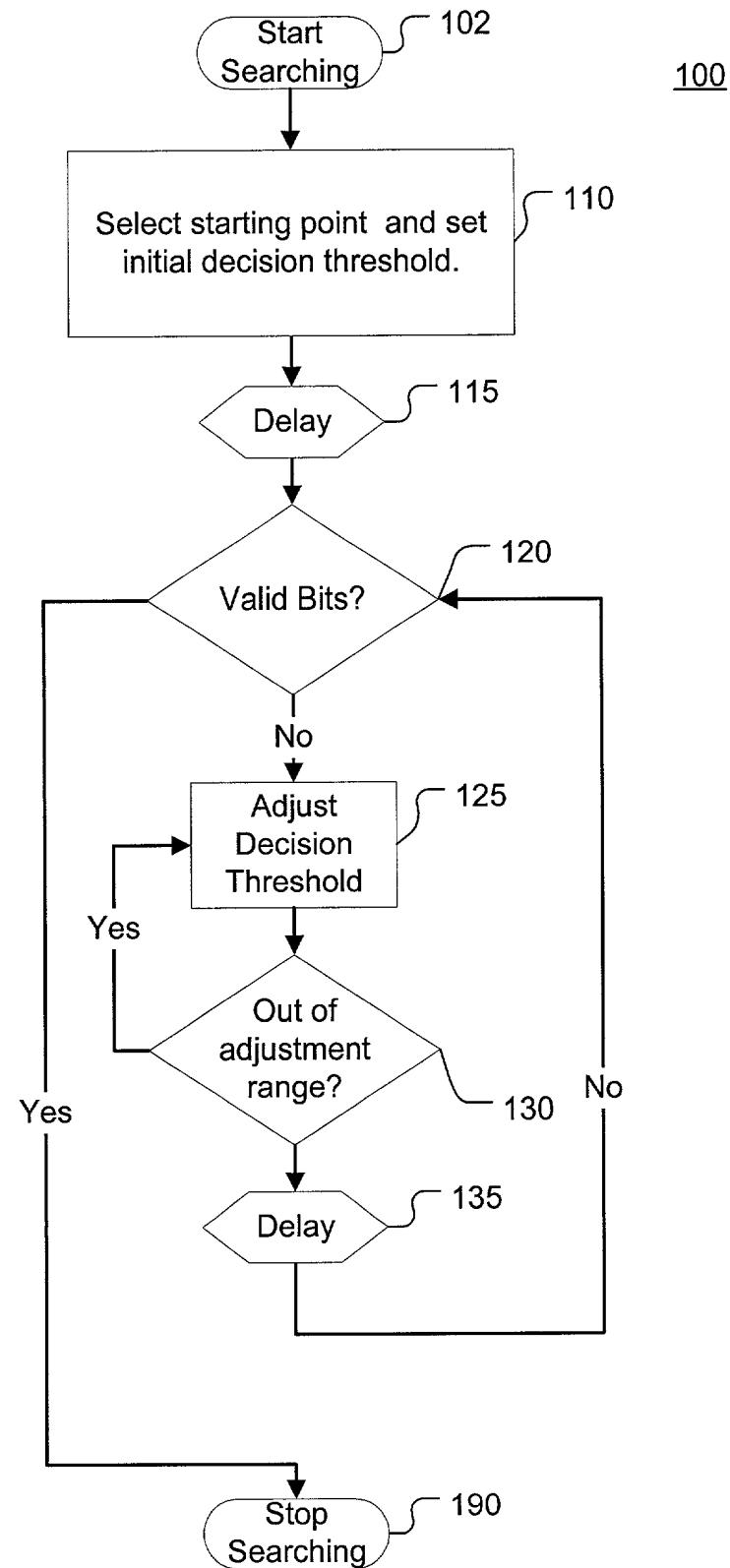


Figure 5

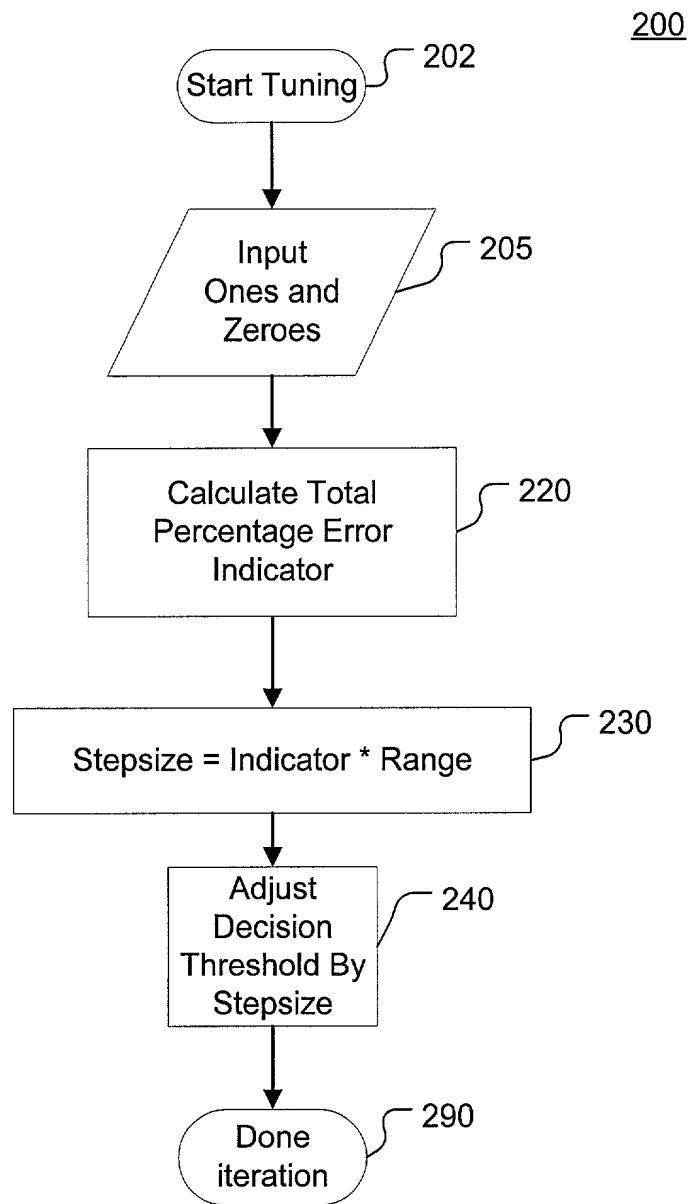


Figure 6

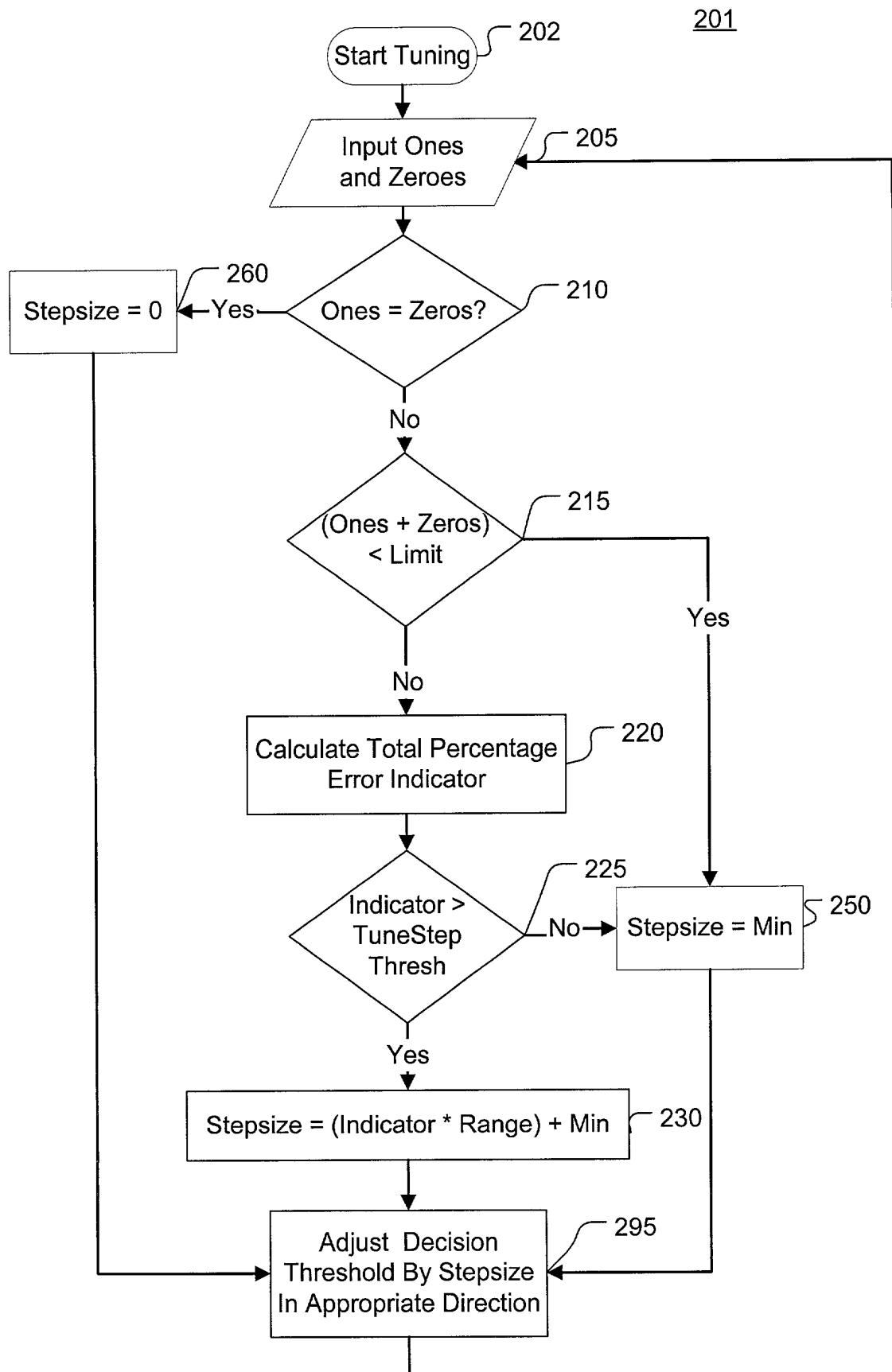


Figure 7

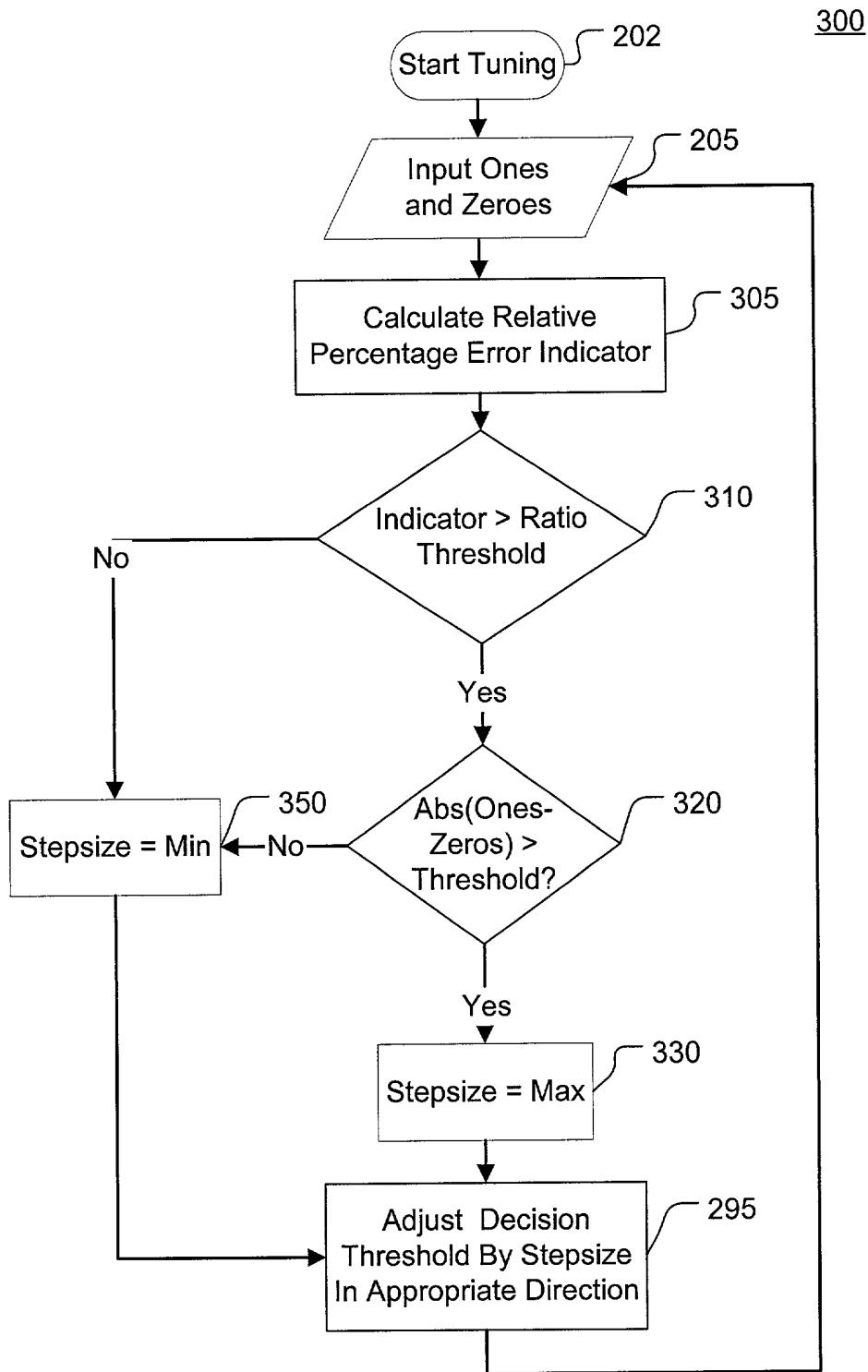


Figure 8a

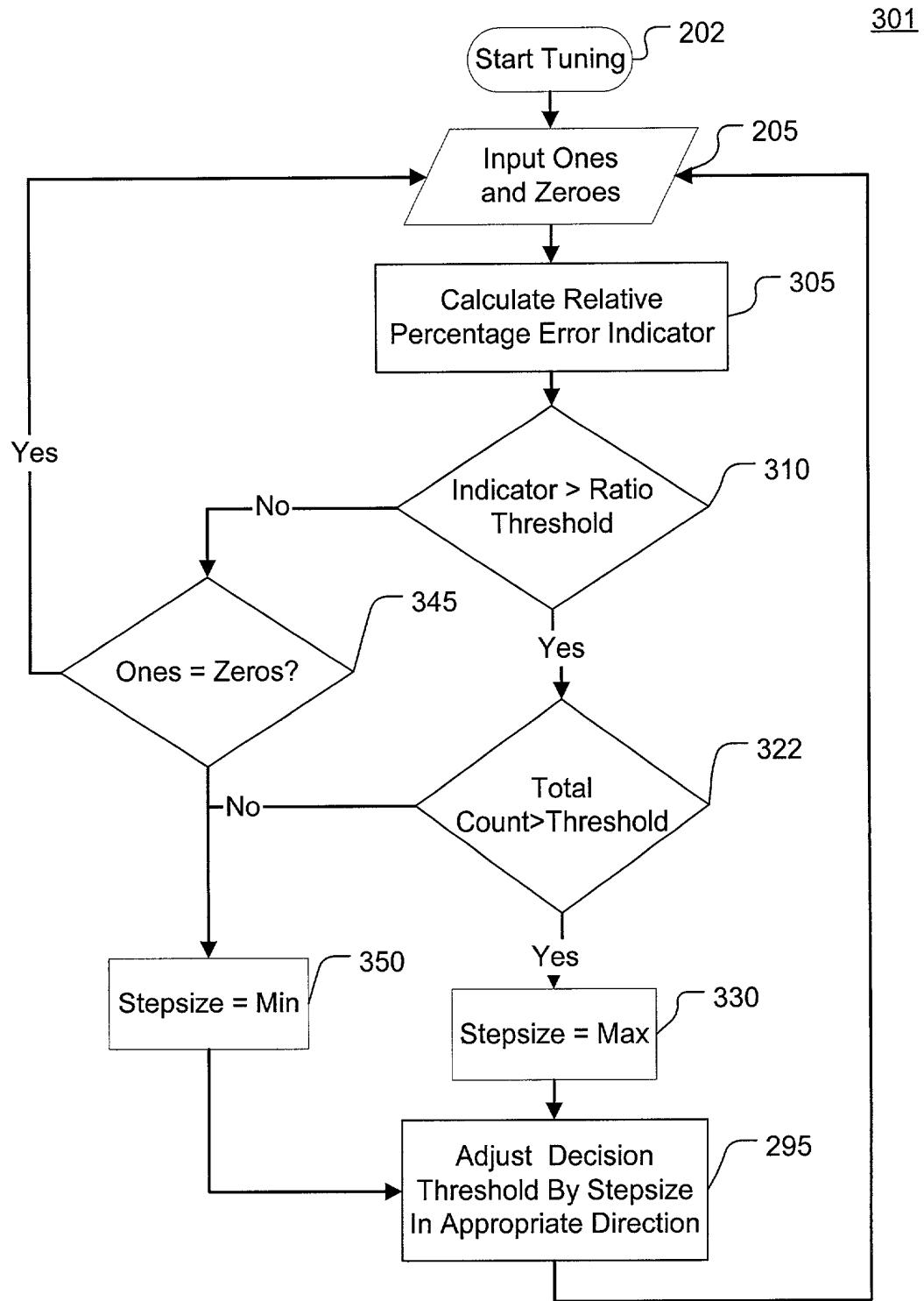


Figure 8b

Difference/Total

Diff/Total

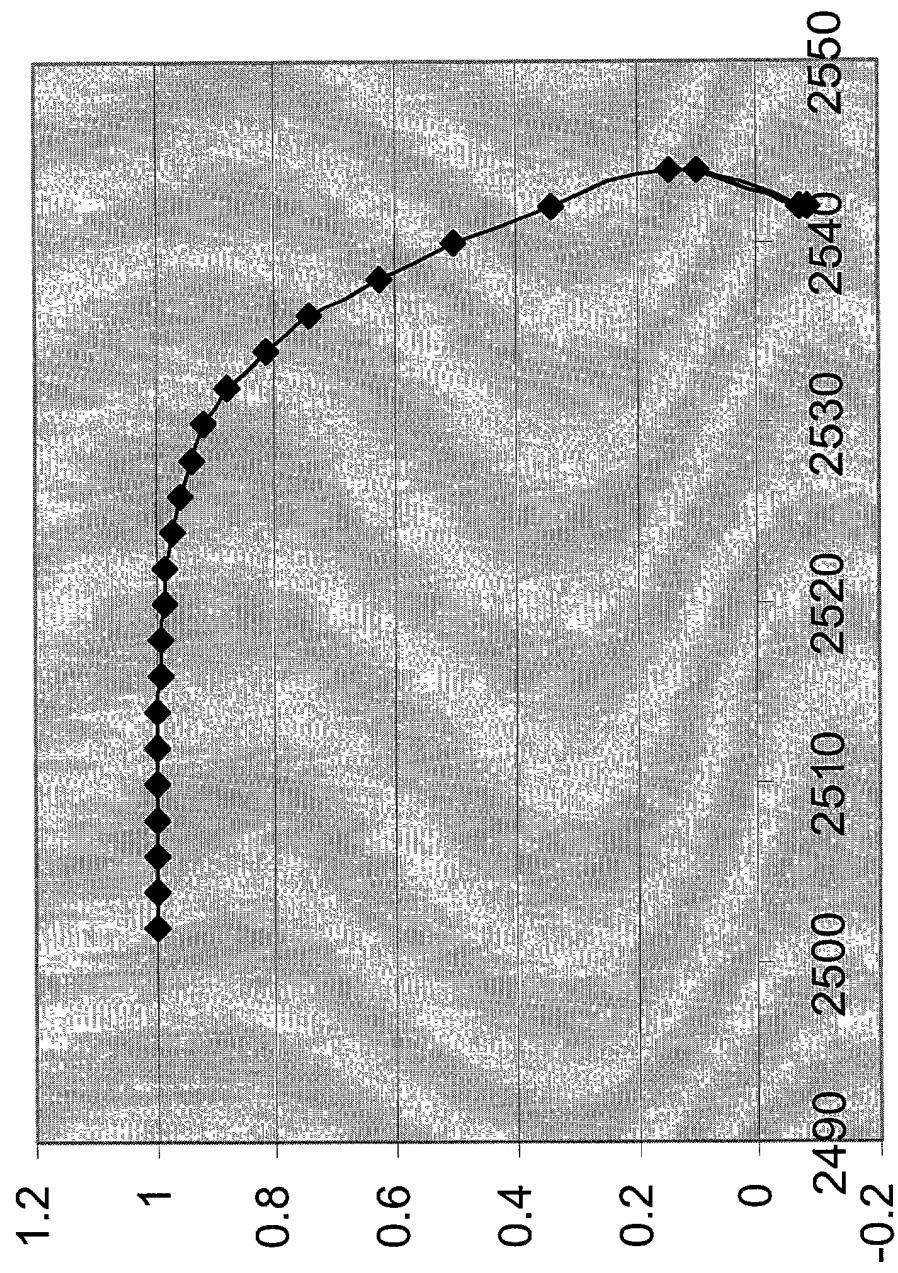


Figure 9

DAC	Ones	Zeros	Total errors	Diff/Total
2502	17898325	4050	17902375	0.999547546
2504	32450069	4857	32454926	0.999700693
2506	13368701	5745	13374446	0.999140899
2508	11257620	7322	11264942	0.998700038
2510	9465373	8801	9474174	0.998142107
2512	7873139	10330	7883469	0.997379326
2514	6544202	12816	6557018	0.996090906
2516	5441469	15528	5456997	0.994308958
2518	4519664	19173	4538837	0.99155158
2520	3788423	22576	3810999	0.988152188
2522	3135094	27696	3162790	0.982486349
2524	2532165	33787	2565952	0.973665135
2526	2093195	40792	2133987	0.961769214
2528	1682342	49836	1732178	0.94245857
2530	1376353	59057	1435410	0.917714103
2532	1131256	71939	1203195	0.880420048
2534	885459	88140	973599	0.81893983
2536	715597	106058	821655	0.741842988
2538	567115	129109	696224	0.629116491
2540	460630	151690	612320	0.50454011
2542	371422	183149	554571	0.33949305
2544	293295	218546	511841	0.146039493
2542	229267	265260	494527	-0.07278268
2544	277227	227935	505162	0.097576619
2542	226951	266724	493675	-0.08056515

Figure 10